IN THE CLAIMS

1-16. (Cancelled)

17. (Currently amended) A dry powder inhaler, comprising:

a housing having a mouthpiece and a delivery passageway connected to the mouthpiece;

a magazine positioned within the housing and including a plurality of reservoirs for holding doses of dry powder, the magazine being movable within the housing to sequentially position the reservoirs within the delivery passageway, the magazine including a layer of moisture resistant, air-tight material secured to an upper surface of the magazine over the reservoirs;

a deagglomerator positioned between the magazine and the mouthpiece for creating turbulent airflow;

a cover connected to the housing and selectively movable to open and close access to the mouthpiece;

a rake connected to the cover and extending into the housing, the rake being engageable with the magazine so that, upon movement of the cover to open access to the mouthpiece, the rake moves the magazine and causes one of the reservoirs to be positioned within the delivery passageway; and

a foil removal mechanism having a rotatable winding wheel that peels the layer of moisture resistant, air-tight material from the upper surface of the magazine as the magazine is moved.

18. (Previously presented) A dry powder inhaler, comprising:

a housing having a mouthpiece and a delivery passageway connected to the mouthpiece;

a magazine positioned within the housing and including a plurality of reservoirs for holding doses of dry powder, the

magazine being movable within the housing to sequentially position the reservoirs within the delivery passageway;

a cover connected to the housing and selectively movable to open and close access to the mouthpiece; and

a rake connected to the cover and extending into the housing, the rake being engageable with the magazine so that, upon movement of the cover to open access to the mouthpiece, the rake moves the magazine and causes one of the reservoirs to be positioned within the delivery passageway;

wherein the magazine includes bores sealed with at least one layer of moisture resistant, air-tight material, and deployable pistons contained in the bores, and each of the pistons has at least one compartment holding powder medicament which is presented for inhalation upon the piston being pushed through the layer of moisture resistant, air-tight material.

19. (Previously presented) An inhaler according to claim 18, further comprising an actuator for successively deploying the pistons from the magazine as the magazine is moved over the actuator.

20. (Previously presented) An inhaler according to claim 18, further comprising an actuator connected to the cover for successively deploying the pistons from the magazine upon movement of the cover to open access to the mouthpiece.

21. (Original) An inhaler according to claim 18, wherein the medicament pistons each include multiple compartments.

22. (Original) An inhaler according to claim 21 wherein, for each of the medicament pistons, the multiple compartments vary in size.

23. (Previously presented) An inhaler according to claim 21, further comprising an actuator for deploying the

pistons from the magazine as the magazine is moved over the actuator, and an adjustment mechanism for adjusting the magnitude of deployment produced by the actuator.

24. (Previously presented) An inhaler according to claim 18, wherein the bores are one of circular bores that extend radially through the magazine, circular bores that extend axially through the magazine, rectangular bores that extend radially through the magazine, and rectangular bores that extend axially through the magazine.

25. (Previously presented) An inhaler according to claim 18, wherein the magazine includes sets of multiple bores each containing a deployable set of medicament pistons, the inhaler further comprising a set of deployable actuators for causing deployment of the set of the pistons from the magazine.

26-29. (Cancelled)

30. (Previously presented) A dose magazine for a dry powder inhaler, comprising:

a plurality of reservoirs extending between a lower surface and an upper surface of the magazine, the magazine being movable within a housing of a dry powder inhaler so that the reservoirs are sequentially positioned within a delivery passageway of the housing of the dry powder inhaler upon movement of the magazine;

a lower layer of moisture resistant, air-tight material covering the ends of the reservoirs in the lower surface of the magazine;

an upper layer of moisture resistant, air-tight material covering the ends of the reservoirs in the upper surface of the magazine, such that the layers of moisture

resistant, air-tight material enclose the reservoirs of the magazine in a substantially dry, air-tight manner; and

deployable medicament pistons positioned in the reservoirs, each piston including at least one chamber for holding dry powder medicament, so that deployment of the piston through one of the layers of moisture resistant, air-tight material presents the dry powder medicament to the delivery passageway of the dry powder inhaler for inhalation,

wherein the dose magazine includes sets of multiple bores each containing a deployable set of medicament pistons, and the inhaler includes a set of deployable actuators for causing deployment of the set of pistons from the magazine.

31. (Previously presented) A dose magazine according to claim 30, wherein the medicament pistons each include multiple compartments.

32. (Original) A dose magazine according to claim 31, wherein, for each of the medicament pistons, the multiple compartments vary in size.

33-34. (Cancelled)

35. (Previously presented) A dry powder inhaler, comprising:

a housing having a mouthpiece and a delivery passageway connected to the mouthpiece;

a dose magazine, including:

a plurality of reservoirs extending between a lower surface and an upper surface of the magazine, the magazine being movable within the housing so that the reservoirs are sequentially positioned within the delivery passageway of the housing upon movement of the magazine;

a lower layer of moisture resistant, air-tight material covering the ends of the reservoirs in the lower surface of the magazine;

an upper layer of moisture resistant, air-tight material covering the ends of the reservoirs in the upper surface of the magazine such that the layers of moisture resistant, air-tight material enclose the reservoirs of the magazine in a substantially dry, air-tight manner; and

deployable medicament pistons positioned in the reservoirs, each piston including at least one chamber for holding dry powder medicament so that deployment of the piston through one of the layers of moisture resistant, air-tight material presents the dry powder medicament to the delivery passageway of the housing for inhalation; and

an actuator for successively deploying the pistons from the magazine as the magazine is moved over the actuator.

36. (Original) An inhaler according to claim 35, further comprising an adjustment mechanism for adjusting the magnitude of deployment produced by the actuator.